

IN THE SPECIFICATION

Please amend the specification as follows:

Please amend the paragraph beginning at page 2, line 16, as follows:

-- For a CD, to decrease ~~[[an]]~~ a DC component of a digital signal that is recorded, EFM (Eight to Fourteenth Modulation) is performed. In the EFM, each data symbol (eight data bits) is converted into a code symbol of 14 channel bits. Three connection bits are added between two sequences of 14 channels bits.--

Please amend the paragraph beginning at page 3, line 8, as follows:

-- To determine whether the disc is an original disc or a copied disc, when an original disc is produced, a defect is recorded. When the ~~deteet~~ defect is detected in data reproduced from a disc, it can be determined that the disc is an original disc. In such a method, there is a problem of which ~~[[the]]~~ original disc contains such a defect. In addition, depending on the type of a defect, it may be able to be copied. As a result, the contents of the original disc cannot be prevented from being copied to a CD-R disc. In addition, unlike a standard encoder that causes the DSV to diverge, a special encoder that prevents the DSV from diverging has a limited number of types of data that can be used. As a result, a complicated data control that also includes an error correction encoding process is required.--

Please amend the paragraph beginning at page 26, line 20, and bridging page 27, as follows:

-- In the normal control of the EFM modulation, the DSV is controlled so that it converges at 0. However, in the structure shown in Fig. 7, the switch 6a is turned on in each

predetermined unit, for example each frame. An offset value m (± 40 , ± 70 , or the like) is supplied to the controlling register of the DSV controlling portion 5c. The switch 6a is controlled so that the DSV approaches $-m$. Thus, the DSV is controlled so that the absolute value thereof increases. The period for which the offset is supplied is not ~~limit~~ limited to one frame. In other words, the offset can be supplied in the unit of n frames (where n is any natural number).--

Please amend the Abstract as is shown on the following page.